



Gold Seal Lesson

Author(s): Marsha Kucker			Lesson Title: Can't You Read The Signs?			
Grade Span			ICLE Application Model			
K-4 X	5-8	9-12	A	B	C	D X

Instructional Focus:

Listening –

Students listen for a variety of purposes appropriate to the grade level.

Speaking –

Students speak for a variety of purposes and audiences with sophistication and complexity appropriate to the grade level.

Geometry –

Students apply geometric concepts, properties, and relationships in a problem-solving situation. Students communicate the reasoning used in solving these problems.

Performance Task

1. Ask students to name all shapes to communicate and regulate traffic.
2. Also discuss the meaning of these shapes. (a rectangle is informational, a triangle for caution, an octagon for stop)
3. Have students draw and color four signs each with a different shape.
4. Show students examples of signs that are less familiar to them. Discuss what they mean, as well as their shapes.

ICLE Essential Skills

Follow oral or written directions. (ela 4)

Use brainstorming, role playing, and standard problem solving strategies to define a problem and suggest solutions. (ela 19)

Participate, sometimes leading, in group meetings by contributing, taking turns speaking, and working toward a common goal. (ela 20)

Gather information such as data, facts, ideas, concepts, and generalizations from oral sources. (ela 51)

Understand the properties of circles (e.g., radius, arc, diameter, chord, secant, tangent, etc.). (math 10)

Understand the properties and classification of triangles by sides (i.e., scalene, isosceles, and equilateral). (math 16)

Understand the properties and classification of polygons (e.g., triangle, quadrilaterals, pentagon, hexagon, etc.) as well as knowledge of geometric shapes. (math 26)

Understand the properties and classification of quadrilaterals by orientation (e.g., parallelogram, rectangle, rhombus, square, and trapezoid). (math 27)

Scoring Guide:

See attachment: Can't You Read the Signs Scoring Rubric.

Keywords

English Language Arts	Mathematics	Science
Reading	Algebra	Earth Science
Writing	Geometry Circles Geometric shapes Geometry in daily life	Life Science
Communications Discussion Listening Visuals Illustration	Statistics	Chemistry
Literature	Calculus	Physics
Other	Trigonometry	Other
	Other	

**Can't You Read the Signs
Scoring Rubric**

3	BEYOND	<p>Analyzed and readily understood the task.</p> <p>Developed an efficient and workable strategy.</p> <p>Showed explicit evidence of carrying out the strategy.</p> <p>Synthesized and generalized the conclusion.</p>
2	AT LEVEL	<p>Understood the task.</p> <p>Developed a workable strategy.</p> <p>Inferred (some evidence) but not always clear.</p> <p>Connected and applied the answer.</p>
1	NOT YET AT	<p>Partially understood the task.</p> <p>Appropriate strategy some of the time.</p> <p>Possible evidence of a plan – not clear.</p> <p>Partial connection of answer.</p>
0		<p>Totally misunderstood.</p> <p>Inappropriate, unworkable strategy.</p> <p>No evidence of carrying out a plan.</p> <p>No connections of answer.</p> <p>Blank.</p>